

Appendix A

Table A1. NAICS Linked to Priority MEIF Sectors

NAICS Code	NAICS Description
Biotechnology	
3254	Pharmaceutical and Medicine Mfg.
3391	Medical Equipment and Supplies Mfg.
541710**	R&D in the Physical, Engineering, and Life Sciences
334510	Electro medical and Electrotherapeutic Apparatus Mfg.
334516	Analytical Laboratory Instrument Mfg.
334517	Irradiation Apparatus Mfg.
Composites and Advanced Materials Technologies	
3252	Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Mfg.
336612	Boat Building
541330	Engineering Services
541690	Other Scientific and Technical Consulting Services
Environmental Technologies	
2213	Water, Sewage and Other Systems
5622	Waste Treatment and Disposal
5629	Remediation and Other Waste Management Services
54138	Testing Laboratories
221119	Other Electric Power Generation
541620	Environmental Consulting Services
Advanced Technologies for Forestry and Agriculture	
111	Crop Production
112	Animal Production
1151	Support Activities for Crop Production
1152	Support Activities for Animal Production
3113	Sugar and Confectionery Product Mfg.
3114	Fruit and Vegetable Preserving and Specialty Food Mfg.
3115	Dairy Product Mfg.
3118	Bakeries and Tortilla Mfg.
3119	Other Food Mfg.
3121	Beverage Mfg.
113	Forestry and Logging
321	Wood Product Mfg.
322	Paper Mfg.
337	Furniture and Related Product Mfg.
1153	Support Activities for Forestry
Information Technologies	
5415	Computer Systems Design and Related Services
511210	Software Publishers
516110	Internet Publishing and Broadcasting
518111	Internet Service Providers
518112	Web Search Portals
518210	Data Processing, Hosting, and Related Services
334	Computer and Electronic Product Mfg.
Precision Manufacturing	
332	Fabricated Metal Product Mfg.
333	Machinery Mfg.
Aquaculture and Marine Sciences	
1125	Animal Aquaculture

Table A2. Birch Index Top 10 Employment Contributing All Sector NAICS

2001-2003			2004-2006			2007-2009		
Sector	BI Percentile	Priority Sector	Sector	BI Percentile	Priority Sector	Sector	BI Percentile	Priority Sector
336612	12.2671	Yes	425	8.4632	Yes	522	5.3369	Yes
336	13.9164		3391	9.0555		453	5.3709	
333	17.3655		452	13.7669		336612	5.6033	
332	18.7297	Yes	722	14.22	Yes	517	7.0178	Yes
322	18.7297	Yes	541	15.7856		336	9.0458	
454	19.4628	Yes	444	15.8769		423	9.6969	
321	21.41		238	18.8777	441	9.8201		
5415	24.5169		561	28.8965	321	12.0483		
541	28.4653	Yes	622	30.3959	Yes	454	17.7716	Yes
334	40.1457		3121	31.2157		238	26.6701	
2010-2012			2013-2017					
Sector	BI Percentile	Priority Sector	Sector	BI Percentile	Priority Sector			
721	5.9529	Yes	5415	4.4869	Yes			
713	6.5264		441	4.5865				
452	6.9042		541	4.6771				
551	7.4194		622	4.7424				
622	8.1136		611	5.1447				
611	8.9863		336	6.6624				
517	9.0321		238	7.1286				
722	9.8157		561	8.7205				
238	10.603		722	12.5581				
561	17.3761		551	15.9525				

Table A3. Birch Index Top 10 Employment Contributing Priority Sector NAICS

2001-2003		2004-2006		2007-2009	
Sector	BI Percentile	Sector	BI Percentile	Sector	BI Percentile
334	40.1457	3121	31.2157	321	12.0483
5415	24.5169	3391	9.0555	336612	5.6033
321	21.41	5415	5.9339	334	2.7287
322	18.7297	322	5.7847	113	2.3132
332	18.7297	332	5.7847	337	1.3443
333	17.3655	3254	5.0473	3118	1.1651
336612	12.2671	541330	3.0647	518210	1.0645
337	8.3344	113	2.8406	333	0.4794
541330	7.6936	518210	2.8286	3115	0.4009
113	3.1734	541690	0.9344	5622	0.3121

2010-2012		2013-2017	
Sector	BI Percentile	Sector	BI Percentile
333	3.4327	5415	4.4869
322	3.1587	3121	2.7389
332	3.1587	336612	2.4476
3119	2.5875	3254	2.1182
5415	2.5803	111	1.8492
111	2.5478	3119	1.8098
541330	2.1736	541330	1.5265
337	1.6978	3118	1.225
321	1.6331	321	0.7395
112	1.2391	518210	0.721

Table A4. Employment Growth for Maine Sectors

Sector	Emp Growth % 2001- 2007	Emp Growth % 2010- 2017	Emp Growth % 2001- 2017	Sector	Emp Growth % 2001- 2007	Emp Growth % 2010- 2017	Emp Growth % 2001- 2017
111*	3.1	33.7	56.6	517	-10.1	3.0	-42.7
112	5.2	18.2	29.2	518	-20.8	-41.5	-56.4
113	-2.3	-16.9	-25.0	519	3.8	-5.3	-29.1
115	-29.0	31.0	-14.2	522	-10.7	-9.7	-24.1
221	-13.2	-8.0	-25.3	524	-5.3	2.1	-6.1
236	7.1	-0.1	-15.5	531	24.2	11.8	30.8
238	9.3	15.6	0.9	541	2.3	10.4	11.8
313	-35.0	12.4	-50.6	551	6.4	49.9	73.9
314	-27.3	15.4	-45.2	561	4.7	20.1	34.4
321*	-17.4	12.0	-35.7	562	4.3	14.4	30.7
322	-0.9	-3.1	-7.1	611	23.1	19.4	56.3
323	-18.2	1.1	-46.3	622	24.9	6.6	39.6
325	32.1	29.4	84.7	711	1.3	32.1	46.6
331	-18.2	-19.0	-42.2	712	10.6	23.1	44.6
332*	-0.9	-3.1	-7.1	713	8.1	10.4	14.8
333*	-29.1	4.5	-28.0	721	1.5	13.8	11.5
334*	-45.7	-27.7	-66.0	722	8.1	12.2	21.3
335	-44.7	7.1	-66.1	811	-4.7	22.3	13.9
336	-10.5	18.7	-5.7	812	4.8	6.0	7.2
337*	-34.6	15.6	-39.1	813	2.8	13.2	16.4
339	0.4	-2.4	-9.1	1125*	-57.6	61.9	-21.9
423	2.2	10.0	-7.5	1151*	-36.6	-4.8	-42.0
424	-2.4	4.9	-4.5	1152*	-3.1	82.1	10.9
425	40.1	-15.8	19.6	1153*	-29.5	44.8	1.6
441	1.7	14.2	3.5	2213*	-52.0	4.9	-57.3
442	-8.3	-4.4	-32.7	3113*	-3.9	9.6	8.2
443	-7.4	-19.9	-13.8	3114*	-18.5	-4.9	-14.9
444	18.2	3.5	17.9	3115*	17.9	-12.0	-5.1
445	-3.3	5.7	-2.8	3118*	-9.0	-0.6	-19.8
446	-2.1	5.0	9.1	3119*	59.7	219.5	310.4
448	8.1	-16.3	-7.6	3121*	168.4	52.8	294.5
451	-6.2	-8.9	-30.6	3254*	44.3	36.4	122.6
452	8.9	-0.3	8.3	3391*	31.1	-10.1	11.7
453	-12.4	3.1	-21.4	5415*	-14.2	50.3	31.6
454	5.6	-21.4	-41.2	5622*	24.2	-9.0	1.3
481	-17.7	-22.2	-50.7	5629*	2.5	26.1	72.7
483	-29.4	-15.4	-42.5	54138*	-8.6	-16.7	-25.6
485	3.0	15.2	24.5	336612*	-14.2	7.3	-14.3
487	17.2	44.0	52.5	518210*	-0.4	-41.5	-45.2
488	18.3	18.2	25.9	541330*	1.9	20.5	29.0
493	15.1	21.6	99.2	541620*	-6.4	0.0	6.7
511	-1.7	-23.7	-40.0	541690*	73.7	-5.2	65.6
515	-21.6	-44.4	-36.3				

Table A5. List of NAICS codes used in this paper

NAICS Code	Sector	NAICS Code	Sector
111	Crop production	517	Telecommunications
112	Animal production and aquacult	518	Data processing, hosting and related services
113	Forestry and logging	519	Other information services
115	Agriculture and forestry support	522	Credit intermediation and related activities
221	Utilities	524	Insurance carriers and related activities
236	Construction of buildings	531	Real estate
238	Specialty trade contractors	541	Professional and technical services
313	Textile mills	551	Management of companies and enterprises
314	Textile product mills	561	Administrative and support services
321	Wood product manufacturing	562	Waste management and remediation services
322	Paper manufacturing	611	Educational services
323	Printing and related support act	622	Hospitals
325	Chemical manufacturing	711	Performing arts and spectator sports
331	Primary metal manufacturing	712	Museums, historical sites, zoos, and parks
332	Fabricated metal product manuf	713	Amusements, gambling, and recreation
333	Machinery manufacturing	721	Accommodation
334	Computer and electronic produc	722	Food services and drinking places
335	Electrical equipment and appliar	811	Repair and maintenance
336	Transportation equipment manu	812	Personal and laundry services
337	Furniture and related product n	813	Membership associations and organizations
339	Miscellaneous manufacturing	1125	Aquaculture
423	Merchant wholesalers, durable g	1151	Support activities for crop production
424	Merchant wholesalers, nondural	1152	Support activities for animal production
425	Electronic markets and agents a	1153	Support activities for forestry
441	Motor vehicle and parts dealers	2213	Water, sewage and other systems
442	Furniture and home furnishings :	3113	Sugar and confectionery product manufacturing
443	Electronics and appliance stores	3114	Fruit and vegetable preserving and specialty food n
444	Building material and garden su	3115	Dairy product manufacturing
445	Food and beverage stores	3118	Bakeries and tortilla manufacturing
446	Health and personal care stores	3119	Other food manufacturing
448	Clothing and clothing accessorie	3121	Beverage manufacturing
451	Sports, hobby, music instrument	3254	Pharmaceutical and medicine manufacturing
452	General merchandise stores	3391	Medical equipment and supplies manufacturing
453	Miscellaneous store retailers	5415	Computer systems design and related services
454	Nonstore retailers	5622	Waste treatment and disposal
481	Air transportation	5629	Remediation and other waste management services
483	Water transportation	54138	Testing laboratories
485	Transit and ground passenger tr	336612	Boat building
487	Scenic and sightseeing transport	518210	Data processing, hosting, and related services
488	Support activities for transporta	541330	Engineering services
493	Warehousing and storage	541620	Environmental consulting services
511	Publishing industries, except Inte	541690	Other scientific and technical consulting services
515	Broadcasting, except Internet		